

## CTR Employer Survey Report

Thank you for completing your Commute Trip Reduction survey. This report contains the survey results.

**Employer Id :** E84962

**Participation :** CTR

**Employer :** Seattle Housing Authority

**Status :** Affected

**Worksite :** Central Office/Wakefield Building

**Survey Type :** Online

**Street :** 190 Queen Anne Ave N

**Response Rate :** 82%

**Jurisdiction :** City of Seattle

**Survey Date :** 11/23/2019

### Non-Drive Alone & One-Way VMT Rates at this Worksite

**Non-Drive Alone Rate :** 68.0%

**Drive Alone Rate :** 32.0%

**One-Way VMT per employee :** 5.2

**Average One-Way distance home to work :** 15.1

### Employees and Survey Response Information

**Reported Total Employees at Worksite:** 250

**Surveys Distributed :** 250

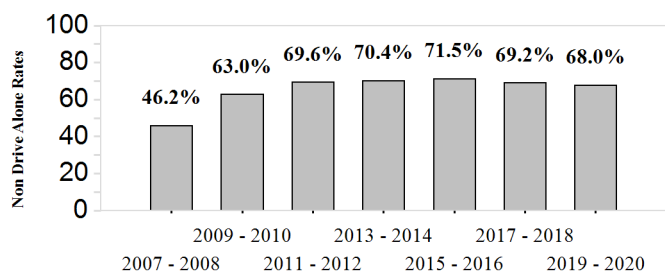
**Surveys Returned :** 204

**Surveys Returned by CTR Affected\* Employees :** 194

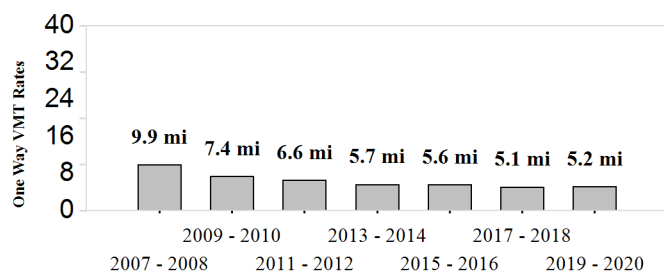
**Total Estimated CTR Affected Employees at Worksite :** 238

*\*CTR Affected employees filled out the survey as being full-time and commuting (typically) to work at least twice between 6a and 9a, Monday through Friday.*

#### Non Drive Alone Rates - ALL Employees



#### One Way VMT per Employee - ALL Employees



### Site History and Targets

### Annual Metric Tons CO2e Pounds CO2e

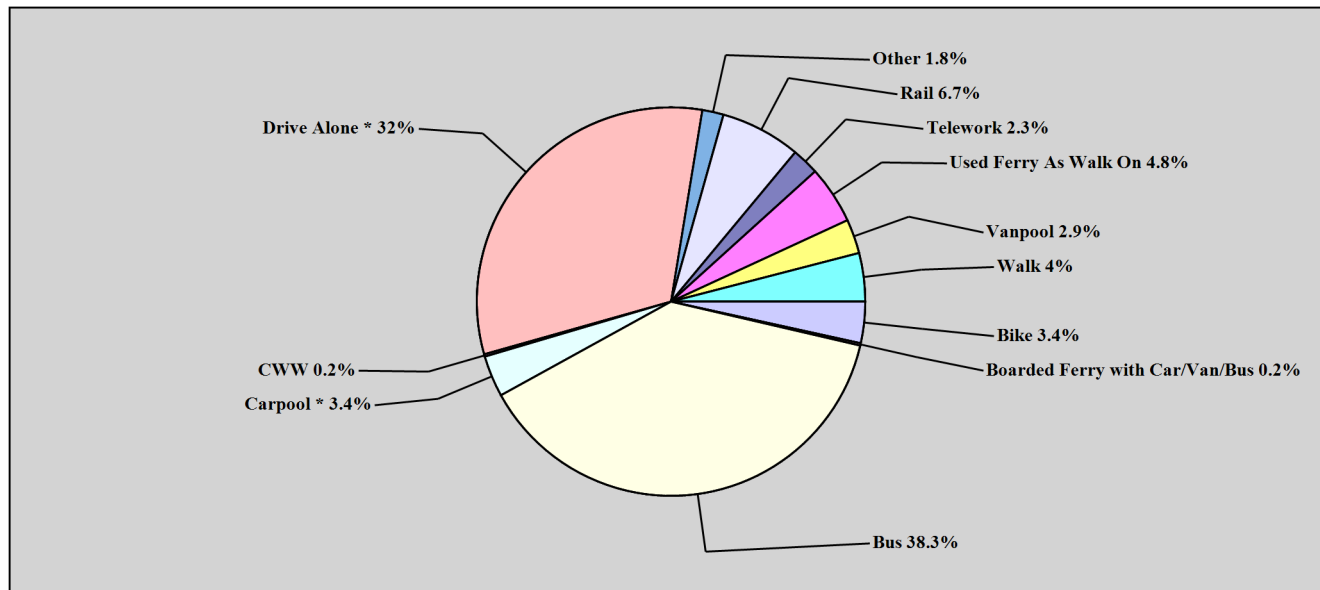
Cycle	Non Drive Alone Rate - All	Non Drive Alone Rate - CTR Affected	Emissions for Surveyed Employees	Estimated Emissions for Total Employment	GHG per Employee's Roundtrip	VMT per Employee - All	VMT per Employee - CTR Affected
2007 - 2008	46.2%	47.0%	216	288	10.2	9.9	9.6
2009 - 2010	63.0%	65.0%	172	239	8.4	7.4	7.3
2011 - 2012	69.6%	70.3%	147	204	7.2	6.6	6.4
2013 - 2014	70.4%	72.0%	186	633	22.3	5.7	5.5
2015 - 2016	71.5%	71.8%	195	259	9.1	5.6	5.7
2017 - 2018	69.2%	69.3%	254	303	10.7	5.1	5.3
2019 - 2020	68.0%	67.4%	235	288	10.2	5.2	5.4
Target	60.0%				Target:	N/A	
% Point Change Target:	13.8				% Change Target:	N/A	
% Point Change from Baseline:	21.8				% Change from Baseline:	-47.5%	

GHG calculations are based on VMT and estimated total round-trip commutes for all employees. Modes that contribute to GHG include driving alone, carpooling, vanpooling, and riding a motorcycle. The use of other modes (e.g., transit, rail, walking, ferry) do not increase a worksite's GHG calculation. For more information about how GHG is calculated, please contact your jurisdiction's representative.

## Commute Trips By Mode - All Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - All Employees



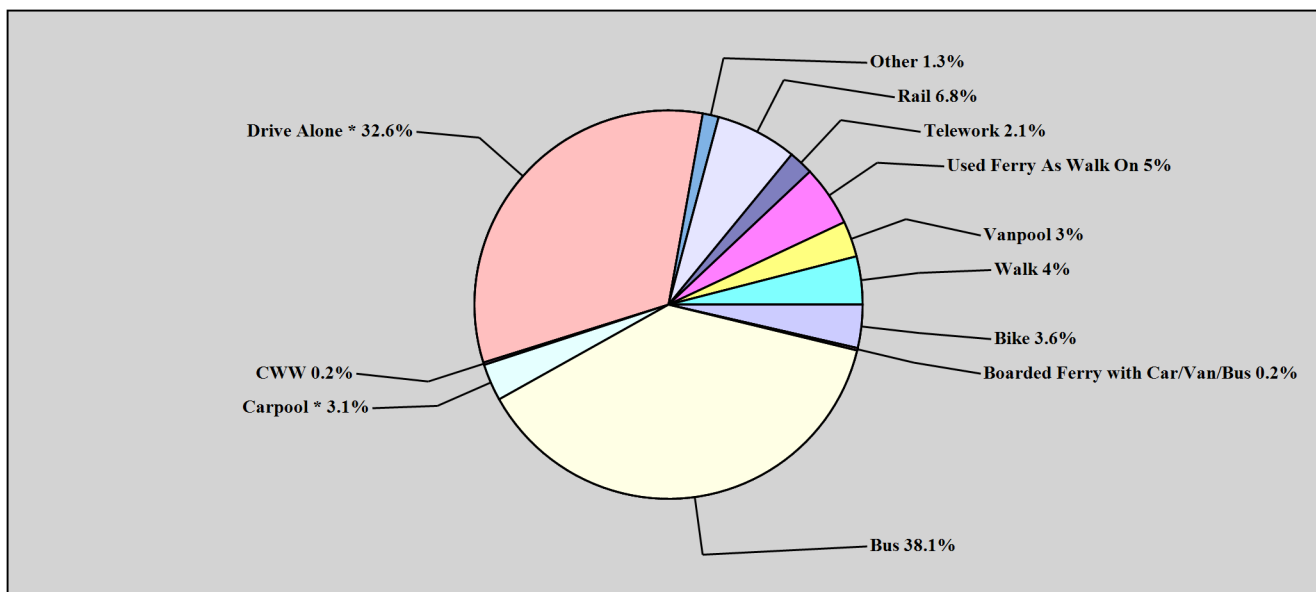
Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	325	32.0%	30.7%	91	44.6%	44.8%
Carpool *	35	3.4%	5.5%	11	5.4%	8.2%
Vanpool	29	2.9%	4.0%	6	2.9%	4.7%
Bus	390	38.3%	36.6%	93	45.6%	45.3%
Rail	68	6.7%	8.0%	16	7.8%	9.5%
Bike	35	3.4%	3.8%	10	4.9%	5.6%
Walk	41	4.0%	3.6%	10	4.9%	4.7%
Telework	23	2.3%	2.1%	19	9.3%	6.9%
CWW	2	0.2%	0.2%	2	1.0%	0.9%
Boarded Ferry with Car/Van/Bus	2	0.2%	0.2%	1	0.5%	0.4%
Used Ferry As Walk On	49	4.8%	3.0%	11	5.4%	3.4%
Other	18	1.8%	2.3%	5	2.5%	3.4%

\* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

## Commute Trips By Mode - Affected Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - CTR Affected Employees



Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	318	32.6%	30.6%	88	45.4%	44.7%
Carpool *	30	3.1%	5.3%	10	5.2%	7.9%
Vanpool	29	3.0%	4.2%	6	3.1%	5.1%
Bus	371	38.1%	36.0%	88	45.4%	44.2%
Rail	66	6.8%	8.5%	15	7.7%	10.2%
Bike	35	3.6%	3.8%	10	5.2%	5.6%
Walk	39	4.0%	3.8%	9	4.6%	5.1%
Telework	20	2.1%	2.1%	17	8.8%	6.5%
CWW	2	0.2%	0.1%	2	1.0%	0.5%
Boarded Ferry with Car/Van/Bus	2	0.2%	0.2%	1	0.5%	0.5%
Used Ferry As Walk On	49	5.0%	3.2%	11	5.7%	3.7%
Other	13	1.3%	2.3%	4	2.1%	2.8%

\* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

**Alternative Modes - Number of Employees Who Used a Non-Drive Alone Mode:**

Non-Drive Alone Number Of Days	Exactly this # of Employees	Exactly this % of Employees	At least # of Employees	At least % of employees
<b>0 Day</b>	48	24%	204	100%
<b>1 Days</b>	12	6%	156	76%
<b>2 Days</b>	6	3%	144	71%
<b>3 Days</b>	13	6%	138	68%
<b>4 Days</b>	16	8%	125	61%
<b>5 Days</b>	97	48%	109	53%
<b>6 or More Days</b>	12	6%	12	6%

**Count by Occupancy of Carpools and Vanpools**

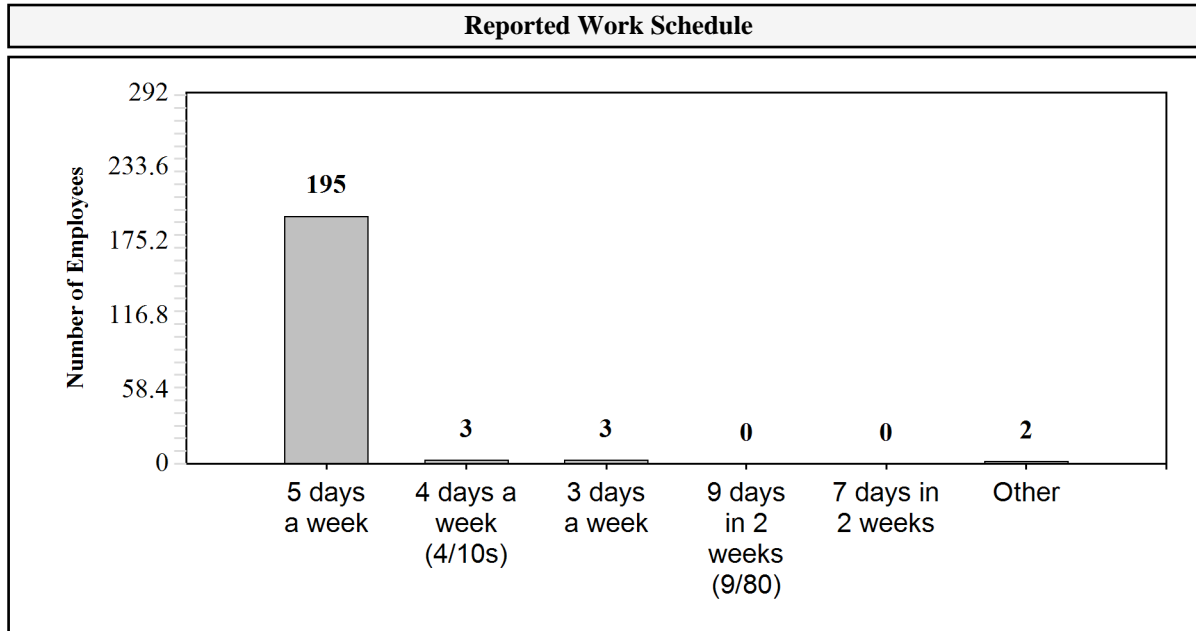
Q.5 If you used a carpool or vanpool as part of your commute, how many people (age 16 or older) are usually in the vehicle?

Ridesharing Occupancy	Mode	Response Count
<b>2*</b>	Carpool	30
<b>3</b>	Carpool	0
<b>4</b>	Carpool	0
<b>5</b>	Carpool	5
<b>&gt;5</b>	Carpool	0
<b>&lt;5</b>	Vanpool	0
<b>5</b>	Vanpool	10
<b>6</b>	Vanpool	4
<b>7</b>	Vanpool	15
<b>8</b>	Vanpool	0
<b>9</b>	Vanpool	0
<b>10</b>	Vanpool	0
<b>11</b>	Vanpool	0
<b>12</b>	Vanpool	0
<b>13</b>	Vanpool	0
<b>14</b>	Vanpool	0
<b>&gt;14</b>	Vanpool	0

\* Motorcycle-2 counted with Carpool-2 for this table.

## Reported Work Schedule - All Employees

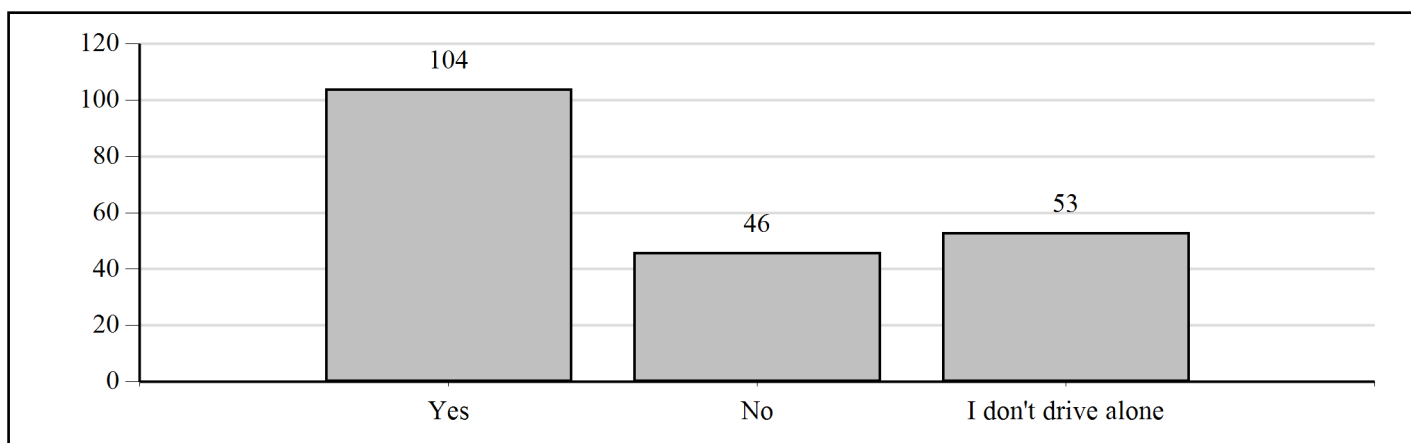
Q.8 Which of the following best describes your work schedule?



Reported Work Schedule	# Of Responses	% Of Employees
5 days a week	195	96.1%
4 days a week (4/10s)	3	1.5%
3 days a week	3	1.5%
9 days in 2 weeks (9/80)	0	0%
7 days in 2 weeks	0	0%
Other	2	1%

## Parking and Telework

**Q.9: On the most recent day that you drove alone to work, did you pay to park? (Mark "yes" if you paid that day, if you prepaid, if you are billed later, or if the cost of parking is deducted from your paycheck.)**



**Q.10: How many days do you typically telework?**

Telework Frequency	# of Responses	% of Responses
No Answer/Blank	0	0.0%
I don't telework	128	62.7%
Occasionally, on an as-needed basis	51	25.0%
1-2 days/month	3	1.5%
1 day/week	18	8.8%
2 days/week	4	2.0%
3 days/week	0	0.0%

## Reasons for driving alone to work/not driving alone to work

Q11. When you do not drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
Free or subsidized bus, train, vanpool pass or fare benefit	111	21.8%
Cost of parking or lack of parking	98	19.3%
To save money	78	15.3%
Environmental and community benefits	65	12.8%
Personal health or well-being	50	9.8%
Driving myself is not an option	25	4.9%
Other	25	4.9%
To save time using the HOV lane	22	4.3%
I have the option of teleworking	21	4.1%
Financial incentives for carpooling, bicycling or walking.	7	1.4%
Emergency ride home is provided	4	0.8%
Preferred/reserved carpool/vanpool parking is provided	2	0.4%
I receive a financial incentive for giving up my parking space	1	0.2%

Q12. When you drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
Riding the bus or train is inconvenient or takes too long	107	25.1%
I like the convenience of having my car	98	23.0%
Family care or similar obligations	92	21.6%
Other	65	15.3%
Bicycling or walking isn't safe	24	5.6%
My job requires me to use my car for work	23	5.4%
My commute distance is too short	10	2.3%
I need more information on alternative modes	7	1.6%
There isn't any secure or covered bicycle parking	0	0.0%

## Commute Mode By ZipCode for All Employees

Q6. What is your home zip code?

Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98117	11	5.39%	15	0	0	2	28	0	2	0	0	0	2	0	4
98119	9	4.41%	13	0	0	0	8	0	0	26	0	0	0	0	0
98109	8	3.92%	7	0	0	0	19	0	0	10	0	0	0	0	0
98122	8	3.92%	5	0	0	0	28	0	5	0	2	0	0	0	0
98115	7	3.43%	9	0	0	0	17	0	3	0	1	0	0	0	7
98107	6	2.94%	13	0	0	0	15	0	0	0	0	0	0	0	0
98108	6	2.94%	11	0	0	0	11	8	0	0	0	0	0	0	0
98144	6	2.94%	9	4	0	0	10	0	5	0	1	0	0	0	0
98106	5	2.45%	7	4	0	0	16	0	0	0	0	0	0	0	0
98118	5	2.45%	6	5	0	0	5	0	9	0	0	0	0	0	0
98012	4	1.96%	12	0	0	0	7	0	0	0	1	0	0	0	0
98023	4	1.96%	5	0	10	0	4	0	0	0	1	0	0	0	0
98026	4	1.96%	3	0	0	0	19	0	0	0	0	0	0	0	0
98036	4	1.96%	8	1	0	0	5	0	0	0	1	1	0	0	0
98102	4	1.96%	3	0	0	0	8	4	5	0	0	0	0	0	0
98110	4	1.96%	0	0	0	0	0	0	0	0	2	0	0	18	0
98116	4	1.96%	2	0	0	0	18	0	0	0	2	0	0	0	0
98126	4	1.96%	5	4	0	0	5	0	0	5	0	0	0	0	0
98133	4	1.96%	14	0	0	0	4	0	0	0	1	1	0	0	0
98136	4	1.96%	1	1	0	5	15	0	0	0	0	0	0	0	0
98146	4	1.96%	10	5	0	0	0	0	0	0	0	0	0	0	0
98006	3	1.47%	5	0	0	0	10	0	0	0	0	0	0	0	0
98032	3	1.47%	9	0	5	0	0	0	0	0	0	0	0	0	0
98042	3	1.47%	10	0	0	0	0	5	0	0	0	0	0	0	0
98056	3	1.47%	10	0	0	0	4	0	0	0	0	0	0	0	0
98104	3	1.47%	7	0	0	0	8	0	0	0	0	0	0	0	0





Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98199	3	1.47%	0	0	0	0	15	0	0	0	0	0	0	0	0
98391	3	1.47%	5	0	0	0	0	8	0	0	0	0	0	0	0
98445	3	1.47%	0	4	0	0	1	9	0	0	0	0	0	0	2
98001	2	0.98%	2	0	0	0	5	5	0	0	0	0	0	0	0
98003	2	0.98%	5	0	5	0	0	0	0	0	0	0	0	0	0
98031	2	0.98%	4	0	0	0	0	2	0	0	1	0	0	0	0
98033	2	0.98%	0	0	4	0	6	0	0	0	1	0	0	0	0
98070	2	0.98%	0	0	0	0	0	0	0	0	0	0	0	10	0
98072	2	0.98%	0	0	0	0	9	0	0	0	0	0	0	0	0
98087	2	0.98%	5	0	0	0	5	0	0	0	0	0	0	0	0
98101	2	0.98%	0	0	0	0	5	0	0	0	0	0	0	0	5
98103	2	0.98%	2	0	0	0	8	0	0	0	0	0	0	0	0
98105	2	0.98%	7	0	0	0	5	0	0	0	0	0	0	0	0
98112	2	0.98%	0	2	0	0	10	0	0	0	0	0	0	0	0
98155	2	0.98%	10	0	0	0	0	0	0	0	0	0	0	0	0
98177	2	0.98%	2	0	0	0	1	0	6	0	3	0	0	0	0
98178	2	0.98%	4	0	0	0	0	5	0	0	0	0	0	0	0
98208	2	0.98%	3	0	0	0	7	0	0	0	0	0	0	0	0
98367	2	0.98%	0	0	0	0	0	0	0	0	0	0	0	10	0
98408	2	0.98%	1	0	0	0	7	2	0	0	0	0	0	0	0
98467	2	0.98%	5	0	0	0	0	5	0	0	0	0	0	0	0
98007	1	0.49%	0	0	0	0	5	0	0	0	0	0	0	0	0
98022	1	0.49%	0	0	0	0	5	0	0	0	0	0	0	0	0
98028	1	0.49%	1	0	0	0	5	0	0	0	0	0	0	0	0
98029	1	0.49%	4	0	0	0	0	0	0	0	0	0	0	0	0
98030	1	0.49%	0	5	0	0	0	0	0	0	0	0	0	0	0
98034	1	0.49%	0	0	5	0	0	0	0	0	0	0	0	0	0
98037	1	0.49%	5	0	0	0	0	0	0	0	0	0	0	0	0
98040	1	0.49%	5	0	0	0	0	0	0	0	0	0	0	0	0



			Weekly Count of Trips By Mode												
Home Zip code	Total Employees	Employee Percentage	Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98057	1	0.49%	0	0	0	0	5	0	0	0	0	0	0	0	0
98058	1	0.49%	5	0	0	0	0	0	0	0	0	0	0	0	0
98059	1	0.49%	0	0	0	0	4	0	0	0	1	0	0	0	0
98065	1	0.49%	5	0	0	0	0	0	0	0	0	0	0	0	0
98168	1	0.49%	6	0	0	0	0	0	0	0	0	0	0	0	0
98188	1	0.49%	5	0	0	0	0	0	0	0	0	0	0	0	0
98249	1	0.49%	0	0	0	0	4	0	0	0	1	0	0	0	0
98270	1	0.49%	4	0	0	0	0	0	0	0	0	0	0	0	0
98282	1	0.49%	0	0	0	0	5	0	0	0	0	0	0	0	0
98290	1	0.49%	5	0	0	0	0	0	0	0	0	0	0	0	0
98310	1	0.49%	0	0	0	0	0	0	0	0	2	0	0	3	0
98335	1	0.49%	0	0	0	0	4	0	0	0	1	0	0	0	0
98346	1	0.49%	0	0	0	0	0	0	0	0	0	0	0	5	0
98366	1	0.49%	2	0	0	0	5	0	0	0	0	0	0	0	0
98371	1	0.49%	4	0	0	0	0	0	0	0	1	0	0	0	0
98375	1	0.49%	1	0	0	0	0	5	0	0	0	0	0	0	0
98404	1	0.49%	5	0	0	0	0	0	0	0	0	0	0	0	0
98409	1	0.49%	0	0	0	0	0	5	0	0	0	0	0	0	0
98422	1	0.49%	5	0	0	0	0	0	0	0	0	0	0	0	0
98446	1	0.49%	0	0	0	0	0	5	0	0	0	0	0	0	0
98592	1	0.49%	2	0	0	0	0	0	0	0	0	0	0	3	0